

Shore C2ISR and Integration Department

Leader in Information Technology solutions that matter to our Warfighters and nation

Departments



Shore C2ISR and Integration Department

FY20: 834 FTEs

254 Programs / Projects

- Equip Navy and federal customers with cyber resilient, reliable systems that are affordable across the life cycle and unmatched by others in providing information warfare capabilities, command and control, greater efficiencies and enhanced ability to execute their mission.
- Design, engineer and sustain critical IT solutions for satellite systems, command and operations centers, cybersecurity, Naval air traffic control, military fuel systems, force protection and military health IT systems.

Customer Areas

- | | |
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| <ul style="list-style-type: none"> Defense Health Agency US Marine Corps (ESS/CC/MILCON) Defense Logistics Agency NAVAIR and PEOs Naval Installations Command U.S. Air Force (ATC/ESS/CC) COCOMS Naval Facilities Command Department of Homeland Security Chief of Naval Operations | <ul style="list-style-type: none"> Joint Chiefs of Staff U.S. Army (ESS/CC/ATC) Office of the Secretary of Defense Bureau of Medicine and Surgery National Geospatial-Intelligence Agency Defense Intelligence Agency National Security Agency |
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Leadership

Bruce Carter – SSTM Department Head

Kevin Gerald – Deputy

Division Heads:

Cal Stephens – Defense Health Information Technology

Chris Litwin – Special Reconnaissance, Surveillance and Exploitation

Ed Layo – Force Protection Solutions

Billy Rollins – Industrial Control Systems and Applications

Donovan Lusk – Command and Operations Centers

Rick DeForest – Air Traffic Control Engineering

Warfighting Thrust Areas

To give our Fleet an advantage over adversaries

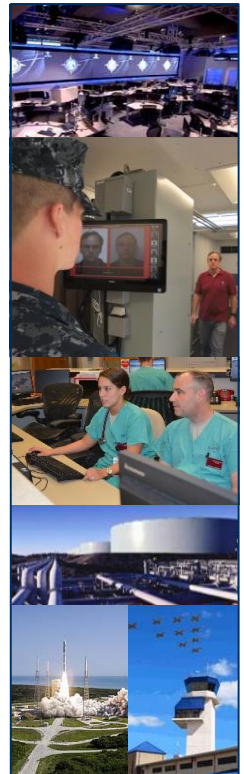
- Become a technical leader in Supervisory Control and Data Acquisition and industrial controls design, implementation and sustainment with an emphasis on cyber hardening.
- Support modernization of the Medical Enterprise IT to include the rollout of the Electronic Health Record system to include cyber capabilities, data analytics, enterprise network architecture and enterprise application rationalization support.
- Develop an Intelligence COI and become a technical leader in providing advanced analytics and data science support.
- Advance technology engagement opportunities by leveraging research efforts across Air Traffic Control, Naval Electronic Security Systems (ESS) and Command Centers that develop solutions to increase efficiencies and grow technical subject matter expertise.
- Establish a Model Based Systems Engineering approach to develop a reputable means to provide holistic systems engineering to integrate operations into ashore platforms.

Areas of Emphasis

- Seek innovative means for technology transition to Warfighters
- Create opportunities to engage with industry
- Reduce the cost of products and services
- Leverage the NR&DE and employ high velocity learning

Achievements

- Naval Command and Operations Centers IPT established a configuration management baseline for all C4I systems contained in the Maritime Operation Centers deployed at COMSIXTHFLT (NAVEUR/NAVAF) utilizing Digital Engineering tools, allowing for detailed views of all systems and spaces within the COMSIXTHFLT MOC. The team is utilizing same modeling toolsets to document COMFIFTHFLT and NCTAMS MOCs.
- Led restoration of mission-essential data lost during upgrade on Navy ONE-Net in Europe, impacting U.S. Naval Forces Europe-Africa/U.S. 6th Fleet and the mission of Naval Computer and Telecommunications Station (NCTS) Naples, Italy. Executed by NAVWAR team consisting of elements from NIWC Atlantic Cybersecurity Service Provider IPT and PMW 205. Full breadth of resources across NAVWAR, including NIWC Pacific, engaged to alleviate snags, delays, and roadblocks and overcome travel and other challenges of COVID-19 pandemic, contributing to mission success.
- The Air and Space IPT was one of the first to successfully transition from a prototype to a \$1.5M IWRP Full Production Task supporting the F-35 Joint Program Office. This encompasses engineering, technical, and programmatic support for the F-35 Operational Data Integrated Network (ODIN) hardware system and delivery of deployment kits.
- Led record-breaking migration of MHS Information Platform to Amazon Web Services GovCloud, completing 20 months of work in only 13 weeks, including receipt of four Authority to Operate approvals in only eight weeks, achieving a major milestone for Defense Health Agency in an extremely condensed, hyper-accelerated schedule despite challenges from COVID-19 pandemic.



Delivering mission-
critical information
warfare capabilities
to the Warfighter

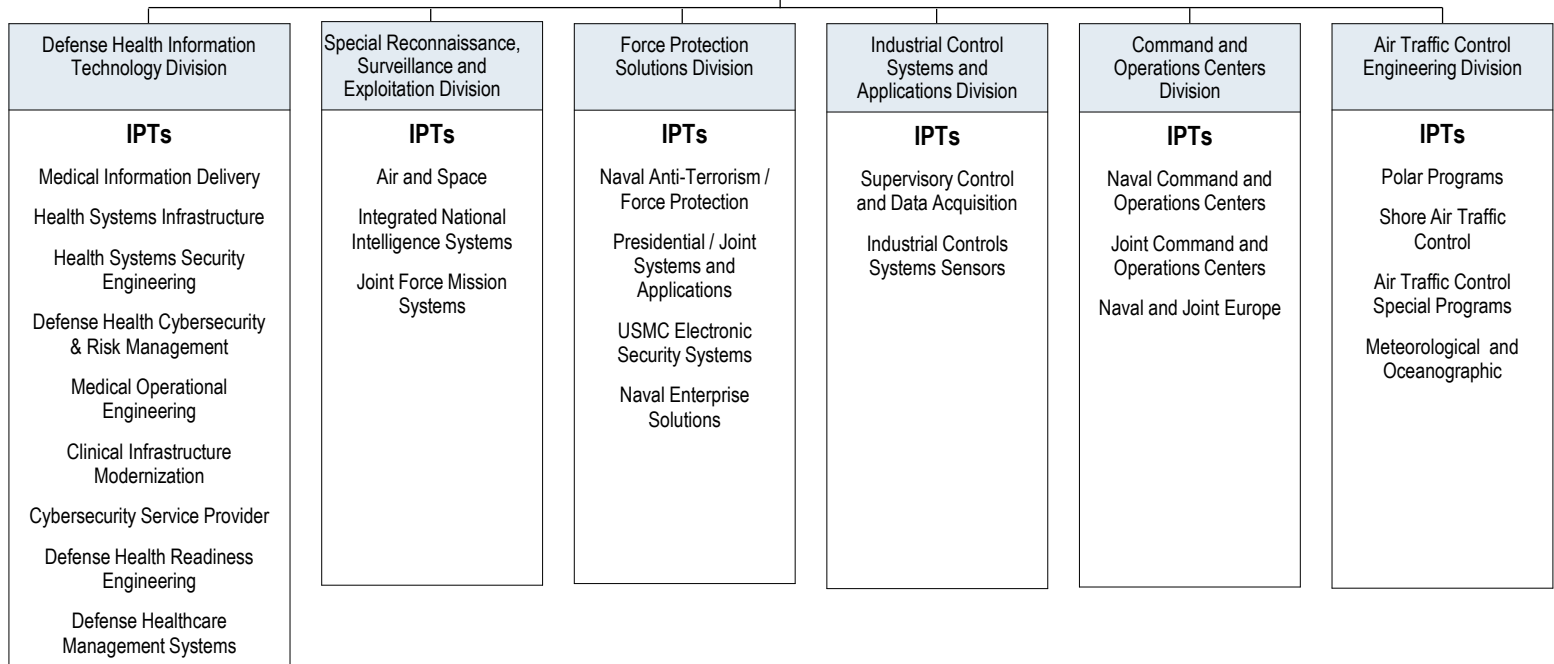
Naval Information Warfare Center (NIWC) Atlantic is a Navy engineering and Information Technology (IT) Command and part of the Naval Research and Development Establishment.

Our work is shaped by requirements that demand research and engineering with the goal of delivering the operational advantage gained from fully integrating Naval information functions, capabilities and resources to optimize decision making and maximize warfighting effects.

We deliver the products and solutions that help our customers accomplish their mission today and into the future and most importantly, serve our nation by delivering information warfare solutions that protect national security.

Shore C2ISR and Integration Department

Deputy



Shore C2ISR and Integration Divisions

- Defense Health Information Technology Division:** Design, develop, integrate and deploy DHA systems including global, local and wireless networks; enterprise computer and storage solutions; big data analytics and data warehousing. USCYBERCOM-accredited CSSP supporting Defense Health IT mission, MHS and 9.4M military and beneficiaries at Navy, Army and Air Force treatment facilities worldwide.
- Industrial Control Systems and Applications Division:** Design, deliver, install and sustain cyber-hardened SCADA systems and critical components, infrastructure and sensors in the field for industrial control systems at DoD facilities worldwide — more than 500 sites including Navy and Marine Corps facilities — in support of DLA Energy.
- Special Reconnaissance, Surveillance and Exploitation Division:** Rapidly deliver innovative intelligence, surveillance and exploitation solutions to Warfighters in shore, air and space realms, including signals intelligence, satellite operations, biometrics identification, high frequency direction finding, expeditionary forensics, cyber forensics and cyber vulnerabilities and tests.
- Force Protection Solutions Division:** Provide state-of-the-art electronic security solutions to protect critical military and government infrastructure, personnel, assets and resources. Provide enhanced force protection, situational awareness and command and control at worldwide DoD locations. Primary IT services and solutions provider for CNIC N6 and NAVFAC CIO, increasing efficiency and security of IT services across the entire Navy Shore enterprise.
- Command and Operations Centers Division:** Develop requirements, design and engineering, installation, integration and testing for Command and Operations Centers for Navy, joint and component commands. Lead MILCON/C5I design and integration efforts for new MILCON projects worldwide. Stuttgart and Naples teams provide C5I infrastructure and multimedia systems development, deployment and support for Navy, EUCOM, AFRICOM and their component commands in Europe.
- Air Traffic Control Engineering Division:** Provide complete ATC and meteorology systems engineering, ATC operations, airfield management, electronics maintenance and meteorological forecasting and observation services. Navy's lead field activity for the National Airspace System Modernization program. Provide aviation engineering services to support polar research programs. More than 50 years serving/assigned as Navy Center of Engineering Excellence for shore-based ATC systems worldwide.

